

ABSTRACT OF THE DISCLOSURE

A circuit for changing clocks includes a clock generating circuit which generates an output clock signal by controlling a frequency of an original clock signal, and a control circuit which controls the clock generating circuit in response to an operation mode change signal indicative of a change from a first operation mode to a second operation mode of an external circuit operating based on the output clock signal, thereby changing the output clock signal from a first frequency corresponding to the first operation mode to an intervening frequency and then from the intervening frequency to a second frequency corresponding to the second operation mode, the intervening frequency having a frequency between the first frequency and the third frequency.